

Claim 1

light transmitting member. Of the embodiments to be described in detail below, in the first to third and fifth embodiments a transparent electrode is primarily used as a light transmitting member.

IN THE CLAIMS

Please cancel Claims 29-48, 51 and 52 without prejudice.

Please amend Claims 1-4, 7-11, 14-16, 21-23, 28, 49 and 50 to read as follows:²

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1. (Amended) A display device comprising:
a light transmitting member;
a light source that irradiates said light transmitting member with light; and
a control mechanism configured to switch between total reflection and transmission a behavior of the light, incident into said light transmitting member from said light source, at an interface between said light transmitting member and an external region adjacent to said light transmitting member,

wherein said display device is configured to cause at least a portion of the light emitted by said light source and irradiating said light transmitting member to be output as a light component having directivity from said light transmitting member, and said light component is used to display images.

2. (Amended) A device according to claim 1, wherein said control mechanism is configured to change a refractive index of said external region.

3. (Amended) A device according to claim 1, wherein said control mechanism comprises a transparent member opposing said light transmitting member and a moving

²A marked-up copy of the changes made to these claims is attached.

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Conc)*

mechanism configured to change the state of said transparent member with respect to said light transmitting member between a contact state and a separated state.

4. (Amended) A device according to claim 3, wherein said transparent member has elasticity, and

said moving mechanism is configured to change a contact area between said transparent member and said light transmitting member in the contact state by deforming said transparent member.

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7. (Amended) A device according to claim 1, further comprising a scattering surface that scatters output light from said light transmitting member.

8. (Amended) A display device comprising:

a light transmitting member;
a light source that irradiates said light transmitting member with light; and
a plurality of control mechanisms arrayed on said light transmitting member and configured to switch between total reflection and transmission a behavior of light, incident into said light transmitting member from said light source, at an interface between said light transmitting member and an external region adjacent to said light transmitting member,

wherein said display device is configured to cause at least a portion of the light emitted by said light source and irradiating said light transmitting member to be output as a light component having directivity from said light transmitting member, and said light component is used to display images.

9. (Amended) A device according to claim 8, wherein each of said control mechanisms is configured to change a refractive index of said external region.

10. (Amended) A device according to claim 8, wherein each of said control mechanisms comprises a transparent member opposing said light transmitting member and a

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moving mechanism configured to change the state of said transparent member with respect to said light transmitting member between a contact state and a separated state.

11. (Amended) A device according to claim 10, wherein said transparent member has elasticity, and

said moving mechanism is configured to change a contact area between said transparent member and said light transmitting member in the contact state by deforming said transparent member.

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14. (Amended) A device according to claim 8, further comprising a scattering surface that scatters output light from said light transmitting member.

15. (Amended) A display device comprising:

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light transmitting member;
a light transmitting material;
a light source that irradiates said light transmitting member with light; and
a control mechanism configured to change a contact state of said light transmitting material with respect to said light transmitting member on an optical path of the light,

wherein said display device is configured to cause at least a portion of the light emitted by said light source and irradiating said light transmitting member to be output as a light component having directivity from said light transmitting member, and said light component is used to display images.

16. (Amended) A device according to claim 15, wherein said control mechanism is configured to change a contact area of said light transmitting material with respect to said light transmitting member on the optical path of the light.

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21. (Amended) A device according to claim 15, further comprising a scattering surface that scatters output light from said light transmitting member.

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22. (Amended) A display device comprising:

a light transmitting member;

a light transmitting material;

a light source that irradiates said light transmitting member with light; and

a plurality of control mechanisms arrayed on said light transmitting member and

configured to change a contact state of said light transmitting material with respect to said

light transmitting member on an optical path of the light,

wherein said display device is configured to cause at least a portion of the light emitted by said light source and irradiating said light transmitting member to be output as a light component having directivity from said light transmitting member, and said light component is used to display images.

23. (Amended) A device according to claim 22, wherein each of said control mechanisms is configured to change a contact area of said light transmitting material with respect to said light transmitting member on the optical path of the light.

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28. (Amended) A device according to claim 22, further comprising a scattering surface that scatters output light from said light transmitting member.

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49. (Amended) A display method comprising switching between total reflection and transmission a behavior of light, incident into a light transmitting member from a light source, at an interface between said light transmitting member and an external region adjacent to said light transmitting member,

wherein one of light transmitted through said interface and light totally reflected by said interface is output as a light component having directivity from said light transmitting member, and said light component is used to display images.